Question Paper
ANMC Mock Test Class 7 - Comparing Quantities (Paper 4)

Exam ID : TEST/2024/01/05135131 Report Generation Date : 3/26/2024 3:02:28 PM

Q1: A man sells a mare of Rs.1055 making a profit of 5.5%. The cost of the mare is:

A: Rs. 995

B: Rs. 1010

C: Rs. 1015

D: Rs. 1000

Answer: D

Q2: x% of 60 + 5% of 20 = 31, then the value of x is:

A: 50

B: 60

C: 31

D: 40

Answer: A

Q3: If a number x is 25% less than another number y and y is 25% more than 144, then value of x is:

A: 140

B: 144

C: 135

D: 130

Answer: C

Q4: If a number x is 25% less than another number y and y is 25% more than 144, then value of x is:

A: Rs.122880

B: Rs. 117120

C: Rs. 120420

D: None of the above

Answer: B

Q5: What is 10% of 10% of (1/10)?

A: 1.00

B: 0.01

C: 0.001

D: 0.10

Answer: C

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Q6: The selling price of goods which cost Rs. 12 and were sold at a loss of 10% is:

A: Rs.10.8

B: Rs.11.0

C: Rs.11.2

D: None of the above

Answer: A

Q7: If 20% of 10% of 40 = 15% of x, then x is:

A: 5.58

B: 5.25

C: 5.33

D: 5.60

Answer: C

Q8: A sum of Rs.1500 was lent partly at 3% and partly at 5% p.a. simple interest. The total interest received after 3 years was Rs.180. The ratio of the money lent at 3% to that lent at 5% is:

A: 2:1

B: 1:1

C: 1:2

D: 3:2

Answer: B

Q9: If a merchant estimates his profit as 15% of the selling price, what is the profit percent?

A: 16.25%

B: 18.45%

C: 17.65%

D: 16.78%

Answer: C

Q10: If 3% more is gained by selling an article for Rs. 321 than by selling it for Rs. 300 then the cost of the article is:

A: Rs.700

B: Rs.650

C: Rs.800

D: Rs.600

Answer: A

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Q11: Which of the following is the correct descending order?

A: 11/9 > 53/47 > 21/19 > 37/34

B: 21/19 > 37/34 > 11/9 > 53/47

C: 11/9 > 21/19 > 53/47 > 37/34

D: 53/47 > 21/19 > 37/34 > 11/9

Answer: A

Q12: Which of the following is correct?

A: 8/9 < 11/12

B: 23/19 > 29/24

C: Both A & B

D: None of the above

Answer: C

Q13: A watch was bought for Rs. 2,568 including 7% VAT. Find its price before the VAT was added.

A: Rs. 2460

B: Rs. 2420

C: Rs. 2400

D: Rs. 2450

Answer: C

Q14: What is the ratio of 26 kg to 3900 gm?

A: 2 : 300

B: 20 : 3

C: 2 : 3

D: 200 : 3

Answer: B

Q15: A luxury car travels with the speed of 35 meter per seconds whereas, an ordinary car will travel with the speed of 54 km per hour. What is the ratio of the speed of the luxury car to that of an ordinary car?

A: 3 : 7

B: 8 : 3

C: 7 : 3

D: 3 : 8

Answer: C

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Q16: Spiderman took 0.35 minutes to reach School from the bus stop whereas Superman took 35 seconds. What is the ratio of Spiderman's speed and Superman's speed?

A: 2 : 5

B: 5 : 4

C: 5 : 3

D: 7 : 4

Answer: C

Q17: A map is given with a scale of 2 cm = 1000 km. What is the actual distance between the two places in km, if the distance in the map is 2.8 cm?

A: 1600 km

B: 1500 km

C: 1200 km

D: 1400 km

Answer: D

Q18: If angles of a triangle are in the ratio 1 : 4 : 5. Find the value of each angle.

A: 120, 480 and 1200

B: 180, 720 and 900

C: 200, 800 and 900

D: 160, 640 and 1000

Answer: B

Q19: A man buys a plot of agricultural land for Rs. 300000. He sells one-third at a loss of 20% and two-fifths at a gain of 25%. At what price must he sell the remaining land so as to make an overall profit of 15%?

A: Rs. 115100

B: Rs. 115500

C: Rs. 115010

D: Rs. 115000

Answer: D

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Q20: A bag contains 5 rupee, 2 rupee and 1 rupee coins in the ratio 4 : 6 : 3, amounting to Rs. 700. Find the total number of coins.

A: 247

B: 240

C: 260

D: 273

Answer: C

Q21: If 8.25% more is gained by selling an article for Rs. 699.50 than by selling it for Rs. 650 then the cost of the article is:

A: Rs. 500

B: Rs. 550

C: Rs. 600

D: Rs. 700

Answer: C

Q22: If a merchant estimates his profit as 30.43% of the selling price then which of the following is nearest option of the profit percent?

A: 43.75%

B: 40.45%

C: 45.62%

D: 46.78%

Answer: A

Q23: The selling price of goods which cost Rs. 14.20 and were sold at a loss of 10% is:

A: Rs. 12.78

B: Rs. 12.26

C: Rs. 12.58

D: Rs. 12.96

Answer: A

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Q24: A racing car travels with the speed of 45 meter per second whereas, an ordinary car will travel with the speed of 60 km per hour. What is the ratio of the speed of the racing car to that of an ordinary car?

A: 27:10

B: 25:9

C: 28:11

D: 30:11

Answer: A

Q25: A number decreased by 22 1/5 % gives 43.568. The number is:

A: 48

B: 56

C: 52

D: 45

Answer: B

Q26: If a merchant estimates his profit as 45 1/3% of the selling price, what is the profit percent?

A: 85.75%

B: 80.45%

C: 82.93%

D: 86.78%

Answer: C

Q27: Rice is bought at Rs. 42.25 per kg and sold at Rs. 38 per kg. The loss percent is:

A: 12.00%

B: 13.20%

C: 10.06%

D: 9.04%

Answer: C

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Q28: If 4.25% more is gained by selling an article for Rs. 732 than by selling it for Rs. 681 then the cost of the article is:

A: Rs. 1500

B: Rs. 1200

C: Rs. 1600

D: Rs. 1000

Answer: B

Q29: A sum of Rs. 1800 was lent partly at 5% and partly at 6% p.a. simple interest. The total interest received after 3 years was Rs. 300. The ratio of the money lent at 5% to that lent at 6% is:

A: 4:5

B: 2:3

C: 1:2

D: 3:4

Answer: A

Q30: A number increased by 20.5% gives 385.6. The number is:

A: 330

B: 350

C: 300

D: 320

Answer: D